Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1-49. (Cancelled).

50. (Previously Presented) A method of channel resource allocation in a wireless communications system, said method comprising the steps of:

sniffing one or more data transmissions to or from a data provider for information within one or more application-level data packets, the information being related to application-level data object size; and

allocating radio resources as a function of said data object size, wherein said step of allocating radio resources comprises the step of predicting a future data rate from the information related to data object size.

51. (Previously Presented) The method according to claim 50, wherein said step of allocating radio resources comprises the step of selecting one or more channel characteristics.

52. (Previously Presented) The method according to claim 50, wherein said one or more data transmissions are sniffed in an uplink direction.

53. (Previously Presented) The method according to claim 50, wherein said one or more data transmissions are sniffed in a downlink direction.

54. (Cancelled).

55. (Previously Presented) The method according to claim 51, wherein said channel characteristics are selected from the group consisting of:

data rate;

dedicated or shared usage;

scheduling;

modulation;

spreading code spreading factor; and

transmission power.

56. (Previously Presented) The method according to claim 50, wherein one or more of said application-level data packets are cached prior to being transmitted using said radio resources.

57. (Previously Presented) A system for channel resource allocation in a wireless communications system, said method comprising:

means for sniffing one or more data transmissions to or from a data provider for information within one or more application-level data packets, the information being related to application-level data object size; and

means for allocating radio resources as a function of said data object size, wherein said means for allocating radio resources comprises means for predicting a future data rate from the information related to data object size.

58. (Previously Presented) The system according to claim 57, wherein said means for allocating radio resources comprises means for selecting one or more channel characteristics.

59. (Previously Presented) The system according to claim 57, wherein said one or more data transmissions are sniffed in an uplink direction.

60. (Previously Presented) The system according to claim 57, wherein said one or more data transmissions are sniffed in a downlink direction.

61. (Cancelled).

62. (Previously Presented) The system according to claim 58, wherein said channel characteristics are selected from the group consisting of:

data rate;
dedicated or shared usage;
scheduling;
modulation;
spreading code spreading factor; and
transmission power.

63. (Previously Presented) The system according to claim 57, wherein one or more of said application-level data packets are cached prior to being transmitted using said radio resources.

* * *